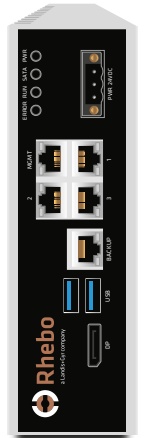


Rhebo Spec Sheet



CONTROLLER

Hardware Type	1U 19" rack appliance
Dimensions (wxhxd) and Weight	438x44x321 mm, 7,5 Kg
Power input and draw	AC 90 V~260 V, 220 W
Operation temp and humidity	0°~40°C, 5~90%
Ethernet Ports	8 GigE (6 connection points)
Max Throughput	1000 Mbps*

VIRTUAL

Supported Virtualization Platforms	ESXi, OVF
Supported Hardware	x86_64
System Requirements	Minimum 4 vCores, 16 GB RAM, 120 GB Storage, Recommended 8 vCores, 32 GB RAM, 240 GB Storage

SENSOR

Hardware Type	DIN rail mounted, fanless
Dimensions (wxhxd) and Weight	162 x 147 x 49 mm, 1,5 Kg
Power input and draw	DC +24V +/- 20%, 30 W
Operation temp and humidity	0°~40°C, 5~95%
Ethernet Ports	5 GigE (3 connection points)
Max Throughput	1000 Mbps

VIRTUAL

Supported Virtualization Platforms	Docker, Ubuntu Snap
Supported Hardware	x86, x86_64, arm32, arm64
System Requirements	Minimum 1 vCore at 1 Ghz, 50 MB RAM, 50 MB Storage, Recommended 2 vCore at 1.5 Ghz, 50 MB RAM, 50 MB Storage

* up to multiple Gbps with optional hardware.



Initiated by ECSSO. Issued by eurobits e.V.

Rhebo OT Security made simple

Rhebo provides simple and effective cybersecurity solutions for Operational Technology and distributed industrial assets for the energy sector, critical infrastructure and manufacturing. The German company supports customers with OT security from the initial risk analysis to managed OT monitoring with intrusion & anomaly detection. Since 2021, Rhebo is part of the Landis+Gyr AG, a leading global provider of integrated energy

management solutions for the energy industry with around 7,500 employees in over 30 countries worldwide. Rhebo is a partner of the Alliance for Cyber Security of the Federal Office for Information Security (BSI) as well as the Teletrust - IT Security Association Germany. The company was awarded the »Cybersecurity Made In Europe« label for its strict data protection and data security policies. www.rhebo.com



Literacy Means Knowledge

Protocols Detected & Analyzed With Rhebo Industrial Protector*

ABB Redundant Network Routing Protocol	Intel Advanced-Network- Services	Sercos III
Acronis Backup	Internet Printing Protocol	Siemens Spectrum Power TG
Adobe Server	Internet Small Computer Systems Interface	Siemens SICAM PAS/PQS
ARP	Inter-Switch Message Protocol	Simple Object Access Protocol
AXIS Camera-Management	IPsec Authentication Header	Sinec H1
BACnet	IPsec Encapsulating Security Payload	SKINNY
Boot Service Discovery Protocol	IPv6	Slow Protocol
Canon BJNP	Java Remote Method Invocation	SMA
CIP	Kerberos	SMB
Cisco	Landis+Gyr Outside Data Exchange Protocol	SMTP
Cisco CDP	Line Printer Daemon Protocol (LPD)	SNMP
Cisco CGMP	Link Aggregation Control Protocol	SqlNet2
Cisco DCE	Link Aggregation Marker Protocol	SQL Server Resolution Protocol
Cisco DTP	LDAP	SSDP
Cisco EIGRP	LLC	SSH
Cisco WLCCP	LLDP	SSL
Codesys	LLMNR	STOMP
COTP	LonTalk	STP
DCE/RPC	McAfee ePO	Stream Control Transmission Protocol
DECnet	mDNS	Symantec Endpoint Protection Manager
DHCP	Modbus	Syslog
DLMS/Cosem **	MQTT	TCP Keep-Alive
DNP3	MRP	TDS
DNS	Munin Data Exchange Protocol	Telnet
EAP over LA	MySQL Client-Server Protocol	TFTP
ECTP	Nagios	Tivoli Storage Manager
EGP	NetBIOS	TNS
ELCOM-90	NFS	Undo License Manager
ESET Remote Administrator	NTP	Veritas Backup Exec Client
EtherCAT	Omicron OMFind	VMWare-Lab-Manager
FTP Control	ONVIF Simple Object Access Protocol	VMware Server Console
FTP Data	OPC-UA	VNC
General Electric	OpenProtocol	VRRP
General Inter-ORB Protocol	Operation, Administration, Maintenance	Web-Based Enterprise Management
GigE Vision Control Protocol	OSPF	Web Services Discovery
GigE Vision Streaming Protocol	PIM	WinCC
Haag Damon	Powerlink	X11
HART	Proficy iFix	.NET TCP Binary Protocol
HP	Profinet	
HP DTC	Profinet-IO CM	
HP Extended LLC	PSI	
HP PROBE	PTP	
HSR	QNX Qnet	
HSRP	QUIC	
HTTP/S	Realtek Remote Control Protocol	
iba Device Configuration Protocol	Real Time Streaming Protocol	
ICMP	Remote Desktop Protocol	
IEC60870-5-104	Remote Shell	
IEC61850-GOOSE	Rhebo	
IEC61850-GSSE	RK 512	
IEC61850-MMS	Routing Information Protocol	
IEC61850-SMV	S7/S7+	
IGMP	SentinelSRM	

Highlighted protocols:
industry-specific protocols

* as of November 2022

** available in January 2023